REMARKS

Claims 1, 2, 4, 5, 8-18, 20 and 22 are pending in the subject application and currently under consideration. Claims 19 and 21 have been withdrawn from consideration pursuant to a restriction requirement and subsequent election. Claims 1, 2, 12, 16-18, 20 and 22 have been amended. Favorable reconsideration of the subject application is respectfully requested in view of the comments and amendments herein.

I.   Rejection of Claims 1, 12 and 16-22 Under 35 U.S.C. §112, second paragraph

Claims 1, 12 and 16-22 stand rejected under 35 U.S.C. §112, second paragraph as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicants regard as the invention. It is believed the amendments herein cure any indefiniteness of these claims. Accordingly, withdrawal of this rejection is respectfully requested.

II.   Rejection of Claims 1, 2, 4, 5, 8, 10, 11-18, 20 and 22 under 35 U.S.C. §102(e)

Claims 1, 2, 4, 5, 8, 10, 11-18, 20 and 22 stand rejected under 35 U.S.C. §102(e) as being anticipated by Baji *et al.* Withdrawal of this rejection is respectfully requested for at least the following reasons.

Applicable Law

For a prior art reference to anticipate, 35 U.S.C. §102 requires that "each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." In re Robertson, 169 F.3d 743, 745, 49 USPQ2d 1949, 1950 (Fed. Cir. 1999) (quoting Verdegaal Bros., Inc. v. Union Oil Co., 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987)). "To establish inherency, the extrinsic evidence 'must make clear that the missing descriptive matter is necessarily present in the thing described in the reference, and that it would be so recognized by persons of ordinary skill.'" Id. (quoting Continental Can co. v. Monsanto Co., 948 F.2d 1264, 1268, 20 USPQ2d 1746, 1749 (Fed. Cir. 1991)). "Inherency, however, may not be established by probabilities or possibilities. The mere fact that a certain thing may result from a given set of circumstances is not sufficient." Mehl/Biophile Int'l Corp. v. Milgraum, 192 F.3d 1362, 1365, 52 USPQ2d 1303, 1305 (Fed. Cir. 1999), reh'g denied, 1999 U.S. App. LEXIS 31386 (Fed. Cir. Oct. 27, 1999) (quoting In re Oelrich, 666 F.2d 578, 581, 212 USPQ 323, 326 (CCPA 1981)). "In addition, the reference must be enabling and describe the applicant's claimed invention sufficiently to have placed it in possession of a person

of ordinary skill in the field of the invention." In re Paulsen, 30 F.3d 1475, 1479, 31 USPQ2d 1671, 1673 (Fed. Cir. 1994).

Independent claims 1, 12, 18, 20 and 22, as amended, recite a dictionary file and a syntax file being content specific to a graphical display file. Thus, the amount of phonemic data and rules stored within the graphical display file are relatively small. This is because the only files needed to provide for speech recognition are the files associated with the specific graphical display file. As a result, the speed and accuracy of the present invention are substantially improved over conventional systems. Baji et al. does not expressly or inherently describe a dictionary file and a syntax file being content specific to a graphical display file. Rather, Baji et al. describes a dictionary for speech recognition and, as an example, describes the dictionary as a "data base indicating association of trains of phonemes with words" (col. 5, lines 40-44). This is the same system as described in the Background of the Invention of the subject application in which a sequence of phoneme codes is decoded into a literal string of words using a phonetic dictionary and a syntax file. The phonetic dictionary correlates phoneme code sequences to words. The syntax file contains a number of production rules that define an allowable grammatical structure and limit the words that can be recognized in different parts of the grammatical structure. In order to accomplish such comprehensive decoding, the syntax file and the dictionary file of Baji et al. contains an enormous amount of rules and terms which, in turn, requires a substantial amount of memory space. Furthermore, when processing an utterance, this system would need to process through the entire term and rule set in order to perform the decoding which slows the speed of the system. Thus, Baji et al. teaches away from amended claims 1, 12, 18, 20 and 22 and the dependent claims which depend therefrom. Accordingly, withdrawal of this rejection is respectfully requested.

III.   Rejection of Claims 9, 11, 19 and 21 under 35 U.S.C. §103(a)

Claims 9, 11, 19 and 21 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Baji et al. in view of Barclay et al. Withdrawal of this rejection is respectfully requested for at least the following reasons.

Claims 19 and 21 are withdrawn pursuant to the election/restriction. Claims 9 and 11 directly depend from independent claim 1. Barclay et al. does not make up for the aforementioned

deficiencies of Baji *et al.* with respect to amended claim 1. Therefore, claims 9 and 11 are not obvious over the combination of Baji *et al.* and Barclay *et al.* Accordingly, withdrawal of this rejection is respectfully requested.

IV.   Conclusion

The present application is believed to be in condition for allowance in view of the above amendments and comments.

If any fees are due in connection with this document, the Commissioner is authorized to charge those fees to Deposit Account No. 50-1063.

Should the Examiner believe a telephone interview would be helpful to expedite favorable prosecution, the Examiner is invited to contact applicants' undersigned representative at the telephone number listed below.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES

In the Claims:

Please amend claims 1, 2, 12, 16-18, 20 and 22 as follows:

1. (Three Times Amended) A speech recognition system, comprising:

a host computer, the host computer operative to communicate at least one graphical user interface (GUI) display file to a mobile terminal, the GUI display file having attached thereto at least one of a dictionary file and syntax file to facilitate speech recognition, wherein the at least one of a dictionary file and syntax file are content specific to the GUI display file [in connection with the at least one GUI display file];

the mobile terminal including a microphone for receiving speech input; and

wherein the mobile terminal employs the at least one of a dictionary file and syntax file to facilitate speech recognition in connection with the at least one GUI display file[; and]

[wherein the at least one of the dictionary file and the syntax file are adapted to facilitate speech recognition in connection with a limited set of voice input commands corresponding to the at least one GUI display file].

2. (Amended) The system of claim [2] 1; the host computer including a memory, the memory storing a plurality of GUI display files.

12. (Three Times Amended) A mobile terminal having speech recognition capabilities, comprising:

a processor;

a display operatively coupled to the processor, the display adapted to display at least one graphical user interface (GUI); [and]

a speech recognition system for identifying speech commands from a user, the speech recognition system operative to employ at least one of a dictionary file and a syntax file attached with [the] at least one GUI file to map sequences of phonemes to operator instructions, the at least one of a dictionary file and a syntax file being content specific to the at least one GUI file; and

wherein the scope of speech recognition associated with the dictionary file and syntax file are [substantially] focused to recognizing [a limited set of] utterances which correspond to [a relatively small set of] valid inputs to the at least one graphical user interface (GUI) file so as to minimize data processing requirements of the mobile terminal.

16. (Amended) The mobile terminal of claim 12 wherein the dictionary file and syntax file are stored in the memory of [the] a remote unit.

17. (Amended) The mobile terminal of claim 12, wherein the remote [device] unit is a host computer.

18. (Three Times Amended) A method for facilitating speech recognition associated with a graphical user interface (GUI), comprising the steps of:

using at least one GUI display file of a plurality of GUI display files to input commands to a unit, the unit adapted to receive input commands *via* speech;

using a dictionary file and a syntax file in connection with the at least one GUI display file, the dictionary file and the syntax file being content specific to the at least one GUI display file, including reference data corresponding to [a relatively small limited set of] commands that may be input to the unit *via* speech; and

wherein the reference data facilitates speech recognition in connection with the at least one GUI file.

20. (Twice Amended) A remote client computer operative to receive a graphical user interface (GUI) file from a remote host computer, the GUI file including display data for prompting a user to input at least one of a command and data, the GUI file further including utterance recognition data, wherein the utterance recognition data is content specific to the GUI file and [which] facilitates speech recognition of a [relatively small] limited quantity of utterances associated with a [relatively small] limited set of commands and inputs that can be input to a display generated from the GUI file.

22. (Three Times Amended) A data collection network comprising:

a host computer operating a first data collection application manipulating data received from a plurality of mobile computing devices; <u>and</u>

a mobile computing device operating a second data collection application generating a plurality of graphical display contexts prompting a user data input and associating with each graphical display context at least one of a dictionary file and syntax file including reference data corresponding to at least one of a [relatively small] limited permutation of data and commands which may be input *via* speech in each context and transmitting data to the host<u>, wherein the at least one of a dictionary file and a syntax file are content specific to the graphical display context</u>.